

## EAST Search History

Ref #	Hits	Search Query	D8s	Default Operator	Plurals	Time Stamp
L1	7900	hydrosilylation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/09 08:26
L2	504	L1 near10 (ketone? or ether? or quinone? or anhydride? or hydrocarbon)	US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/09 08:28
L6	19	silane near8 "alkenyl halide"	US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/09 08:29
L7	0	16 near10 (ketone? or ether? or quinone? or anhydride? or hydrocarbon)	US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/09 08:29
L8	33	12 and auxiliary	US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/09 08:41
L9	1	("S2111877").PN.	US-PGPUB; OR USPAT; USOCR	OR	OFF	2008/01/09 08:42
S1	9	(("20020052520") or ("20010053861") or ("5424470") or ("5449802") or ("5481016") or ("5486637") or ("5493045") or ("5616763") or ("5756795")).PN	US-PGPUB; OR USPAT; USOCR	OR	OFF	2007/11/08 11:46
S2	98	"556/481".CCL5.	US-PGPUB; OR USPAT; USOCR	OR	ON	2008/01/08 15:47
S3	21	((MATHALIE) near2 (GUENNOUNI)).INV.	US-PGPUB; OR USPAT; USOCR	OR	ON	2008/01/08 15:42
S4	1	((JEAN-CHRISTOPHER) near2 (GALLAND)).INV.	US-PGPUB; OR USOCR	OR	ON	2008/01/08 15:42
S5	42	((MATHALIE) near2 (GUENNOUNI)).INV.	EPO; JPO; DERWENT	OR	ON	2008/01/08 15:43
S6	0	((JEAN-CHRISTOPHER) near2 (GALLAND)).INV.	EPO; JPO; DERWENT	OR	ON	2008/01/08 15:43

## EAST Search History

S7	3	haloalkyl/dialkyl/halosilane	US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/09 08:33
S8	0	dichlorobiscyclooctadinediium	US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/08 16:11
S9	0	halocyclobalkyliridium	US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/08 16:11
S10	0	cyclobalkyliridium	US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/08 16:11
S11	1	alkyliridium	US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/08 16:12
S12	0	cyclobalkyl/near2 iridium	US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/08 16:30
S13	2	JP-07196670-\$, did.	US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/08 17:54
S15	2	((20050245755") or ("20070032574")).PN	US-PGPUB; OR USPAT; USOCR	OR	OFF	2008/01/08 16:37
S16	19	silane near8 "alkenyl halide"	US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/08 16:38
S17	1	hydrosilylation	US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/08 16:37

### EAST Search History

S19	7900	hydrolylation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/08 16:38
S20	5	S16 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/08 16:42
S21	1	("5756796").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/08 16:42
S22	1	("5500977").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/08 16:42
S23	1	JP-07126271-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/08 17:57
S24	1	JP-2938731-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/08 17:57

L19 ANSWER 55 OF 67 HCAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 1995:717097 HCAPLUS <<LOGINID::20080108>>  
DOCUMENT NUMBER: 123:340390

TITLE: Preparation of (halopropyl)dimethylchlorosilane and catalysts used in the preparation

INVENTOR(S): Kubota, Tooru; Yamamoto, Akira; Endo, Mikio

PATENT ASSIGNEE(S): Shinetsu Chemical Industry Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07126271	A	19950516	JP 1993-270278	19931028
JP 2938731	B2	19990825		

PRIORITY APPLN. INFO.: JP 1993-270278 19931028

OTHER SOURCE(S): CASREACT 123:340390; MARPAT 123:340390

AB (Halopropyl)dimethylchlorosilane, useful as an intermediate for silane coupling agents and as a modifier for silicone oils (no data), is prepared by treatment of Me<sub>2</sub>SiHCl with XCH<sub>2</sub>CH:CH<sub>2</sub> (X = Cl, Br, I) in the presence of [IrRY]<sub>2</sub> (R = diene; Y = Cl, Br, I). Me<sub>2</sub>SiHCl was added dropwise to a mixture of allyl chloride and di-m-chlorobis(h<sub>4</sub>-1,5-cyclooctadiene)diiridium at 35-40° over 1 h and left at 40° for 1 h to give 90.5% (3-chloropropyl)dimethylchlorosilane.

IT 12112-67-3, Di-m-chlorobis(h<sub>4</sub>-1,5-cyclooctadiene)diiridium

RL: CAT (Catalyst use); USES (Uses)

(preparation of (halopropyl)dimethylchlorosilane in presence of Ir catalysts)

RN 12112-67-3 HCAPLUS

CN Iridium, di-m-chlorobis[(1,2,5,6-h)-1,5-cyclooctadiene]di- (CA INDEX NAME)

